

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	129	Himmler.in.	US-PGPUB; USPAT	OR	OFF	2005/09/07 20:23
L2	1	l1 and trimethylphenyl.clm.	US-PGPUB; USPAT	OR	OFF	2005/09/07 20:23
L3	919	trimethylphenyl.clm.	US-PGPUB; USPAT	OR	OFF	2005/09/07 20:23
L4	0	l3 and psudocumene.clm.	US-PGPUB; USPAT	OR	OFF	2005/09/07 20:24
L5	1	l3 and pseudocumene.clm.	US-PGPUB; USPAT	OR	OFF	2005/09/07 20:24

=> d his

(FILE 'HOME' ENTERED AT 20:16:19 ON 07 SEP 2005)

FILE 'STNGUIDE' ENTERED AT 20:16:25 ON 07 SEP 2005

FILE 'REGISTRY' ENTERED AT 20:16:31 ON 07 SEP 2005

L1 STRUCTURE UPLOADED

L2 0 S L1 SSS

L3 1 S L1 SSS FULL

FILE 'CAPLUS' ENTERED AT 20:17:06 ON 07 SEP 2005

L4 1 S L3

FILE 'BEILSTEIN' ENTERED AT 20:17:26 ON 07 SEP 2005

L5 0 S L3

L6 STRUCTURE UPLOADED

FILE 'CASREACT' ENTERED AT 20:19:29 ON 07 SEP 2005

L7 0 S L6

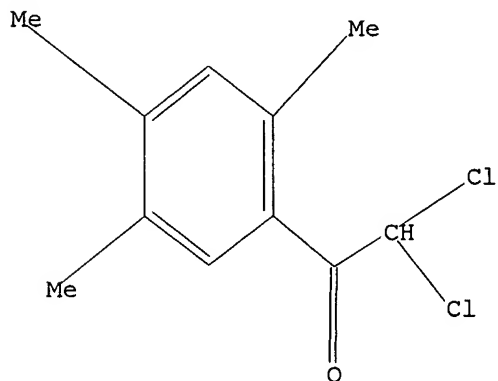
L8 0 S L6 SSS

L9 1 S L6 SSS FULL

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> d l4 bib abs hitstr

YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2003:818384 CAPLUS

DN 139:292054

TI Three-step method for the production of 2,4,5-trimethylphenylacetic acid from pseudocumene and dichloroacetyl chloride

IN Himmeler, Thomas

PA Bayer CropScience AG, Germany

SO PCT Int. Appl., 17 pp.

CODEN: PIXXD2

DT Patent

LA German  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003084914	A1	20031016	WO 2003-EP3180	20030327
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	DE 10215294	A1	20031023	DE 2002-10215294	20020408
	EP 1494987	A1	20050112	EP 2003-745691	20030327
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	JP 2005522475	T2	20050728	JP 2003-582113	20030327
	US 2005182274	A1	20050818	US 2003-510288	20030327
PRAI	DE 2002-10215294	A	20020408		
	WO 2003-EP3180	W	20030327		

OS CASREACT 139:292054

AB 2,4,5-Trimethylphenylacetic acid is prepared in high yield and selectivity by the Friedel-Crafts acylation reaction of pseudocumene with dichloroacetyl chloride to give 2,2-dichloro-1-(2,4,5-trimethylphenyl)ethanone, which is reacted with alkali (e.g., sodium hydroxide) to give 2,4,5-trimethylmandelic acid which is reduced using red P, KI, and HCl to give 2,4,5-trimethylphenylacetic acid.

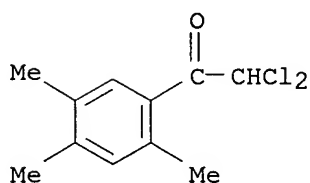
IT 609810-31-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(in the three-step method for the production of 2,4,5-trimethylphenylacetic acid from pseudocumene and dichloroacetyl chloride)

RN 609810-31-3 CAPLUS

CN Ethanone, 2,2-dichloro-1-(2,4,5-trimethylphenyl)- (9CI) (CA INDEX NAME)



RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 19 bib abs

L9 ANSWER 1 OF 1 CASREACT COPYRIGHT 2005 ACS on STN

AN 139:292054 CASREACT

TI Three-step method for the production of 2,4,5-trimethylphenylacetic acid from pseudocumene and dichloroacetyl chloride

IN Himmler, Thomas

PA Bayer CropScience AG, Germany

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PI	WO 2003084914	A1	20031016	WO 2003-EP3180	20030327
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	DE 10215294	A1	20031023	DE 2002-10215294	20020408
	EP 1494987	A1	20050112	EP 2003-745691	20030327
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	JP 2005522475	T2	20050728	JP 2003-582113	20030327
	US 2005182274	A1	20050818	US 2003-510288	20030327

PRAI DE 2002-10215294 20020408

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